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1. (amended) An isolated polynucleotide comprising:
- (a) a nucleotide sequence encoding a polypeptide having defensin activity, wherein the amino acid sequence of the polypeptide and the amino acid sequence of SEQ ID NO:4 have at least 80% sequence identity based on the Clustal alignment method, or
 - (b) the complement of the nucleotide sequence.

2. (amended) The isolated polynucleotide of Claim 1, wherein the amino acid sequence of the polypeptide and the amino acid sequence of SEQ ID NO:4 have at least 85% sequence identity based on the Clustal alignment method.

3. (amended) The isolated polynucleotide of Claim 1, wherein the amino acid sequence of the polypeptide and the amino acid sequence of SEQ ID NO:4 have at least 90% sequence identity based on the Clustal alignment method.

4. (amended) The isolated polynucleotide of Claim 1, wherein the amino acid sequence of the polypeptide and the amino acid sequence of SEQ ID NO:4 have at least 95% sequence identity based on the Clustal alignment method.

5. (amended) The isolated polynucleotide of Claim 1, wherein the amino acid sequence of the polypeptide comprises the amino acid sequence of SEQ ID NO:4.

6. (amended) The isolated polynucleotide of Claim 1, wherein the nucleotide sequence comprises the nucleotide sequence of SEQ ID NO:3.

7. (amended) A recombinant DNA construct comprising the polynucleotide of Claim 1 operably linked to at least one regulatory sequence.

13. (amended) A cell comprising the recombinant DNA construct of Claim 7.

15. (amended) A plant comprising the recombinant DNA construct of Claim 7.

16. (amended) A seed comprising the recombinant DNA construct of Claim 7.

Please add claim 22 as follows:

22. (new) A method for production of a polypeptide having defensin activity comprising the steps of cultivating the cell of Claim 13 under conditions that allow for the synthesis of the polypeptide and isolating the polypeptide from the cultivated cells, from the culture medium, or from both the cultivated cells and the culture medium.